

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): A method for receiving at a mobile terminal a digital video broadcasting (DVB) service signal formatted as a series of synchronized transmission bursts, ~~the service signal~~ provided by each of a plurality of wireless transmitters, said method comprising the steps of:

receiving a first DVB service signal broadcast by a first wireless transmitter at a first frequency;

if said first DVB service signal meets a first predefined criterion, deriving DVB signal data from a second DVB service signal broadcast by a second wireless transmitter; and

if said DVB signal data from said second wireless transmitter meets a second predefined criterion, switching reception from said first wireless transmitter to said synchronized second wireless transmitter after a first DVB service signal transmission burst has been received, and prior to receipt of a consecutive DVB service signal transmission burst transmitted by the second wireless transmitter.

Claim 2 (Canceled).

Claim 3 (Currently Amended): A method as in claim 1 further comprising the step of stripping encapsulation from said first DVB service signal after receipt by the mobile terminal.

Claim 4 (Original): A method as in claim 3 wherein said encapsulation conforms to standard EN 301192.

Claim 5 (Currently Amended): A method as in claim 3 further comprising the step of sending said first DVB service signal to an application processor for conversion to a data packet.

Claim 6 (Currently Amended): A method as in claim 1 wherein said first criterion is met if a receiver signal strength value for said first DVB service signal measured by the mobile terminal is less than a predetermined value.

Claim 7 (Currently Amended): A method as in claim 1 wherein said first criterion is met if a bit error rate for said first DVB service signal measured by the mobile terminal is greater than a predetermined value.

Claim 8 (Currently Amended): A method as in claim 1 wherein said second criterion is met if a bit error rate for said second DVB service signal measured by the mobile terminal is smaller than a predetermined value.

Claim 9 (Currently Amended): A mobile terminal suitable for receiving information from a plurality of synchronized wireless transmitters, said mobile terminal comprising:

a digital broadcast receiver for receiving at least a first portion of the information as a first transmission burst, said first transmission burst broadcast by a first wireless transmitter;

a receiver elastic buffer for storing said first transmission burst; and

means for switching reception from the first wireless transmitter to a second wireless transmitter synchronized with the first wireless transmitter, after reception of said first transmission burst has been completed and prior to a consecutive transmission burst transmitted by the second wireless transmitter.

Claim 10 (Original): The mobile terminal as in claim 9 further comprising means for deriving a bit error rate for said first transmission burst.

Claim 11 (Original): The mobile terminal as in claim 9 further comprising means for deriving a received signal strength indicator value for said first transmission burst.

Claim 12 (Original): The mobile terminal as in claim 9 wherein said means for switching is operative in response to said second wireless transmitter providing to said mobile terminal a signal meeting a predefined criterion.

Claim 13 (Original): The mobile terminal as in claim 9 further comprising an application processor for converting said first transmission burst into an information data stream.

Claim 14 (Original): The mobile terminal as in claim 9 further comprising a stream filter for stripping transmission encapsulation from said transmission burst stored in said receiver elastic buffer.

Claim 15 (Original): The mobile terminal as in claim 9 wherein said stream filter comprises an Internet protocol (IP) filter.

Claim 16 (Original): A digital broadcasting system comprising:

a first transmitter for broadcasting at least an interval of information as a transmission burst in synchronization with at least one other transmitter; and

a receiver system for receiving said transmission burst, said receiver including a receiver elastic buffer for buffering said transmission burst, said receiver further including means for executing a hand-over from said first transmitter to said at least one other transmitter upon receipt of said transmission burst if at least one predefined criterion has been met.

Claim 17 (Original): The digital broadcasting system as in claim 16 wherein said first transmitter comprises a multi-protocol encapsulator for encapsulating said transmission burst.

Claim 18 (Original): The digital broadcasting system as in claim 16 wherein said at least one predefined criterion is met if a receiver signal strength value for said transmission burst as measured by said receiver system is less than a predetermined value.

Claim 19 (Currently Amended): The digital broadcasting system as in claim 16 wherein said at least one predefined criterion is met if a bit error rate for said transmission burst as measured by the receiver system ~~mobile terminal~~ is greater than a predetermined value.

Claim 20 (Currently Amended): The digital broadcasting system as in claim 16 wherein said at least one predefined criterion is met if a bit error rate for a signal received from said at least one other transmitter as measured by the receiver system ~~mobile terminal~~ is smaller than a predetermined value.

Claim 21 (Currently Amended): A method for receiving a series of service signals provided by each of plurality of wireless transmitters, said method comprising the steps of:

~~receiving service signals broadcast by a plurality of wireless transmitters, each said wireless transmitter broadcasting on a different frequency;~~

selecting a first synchronized wireless transmitter from a plurality of synchronized wireless transmitters for providing information, each said synchronized wireless transmitter broadcasting on a different frequency;

receiving service signals broadcast by the first synchronized wireless transmitter;

deriving a first bit error rate for information received from said first wireless transmitter;

if said first bit error rate for said first wireless transmitter is greater than a predefined quasi-error-free value, deriving a second bit-error-rate for a second synchronized wireless transmitter; and

if said second bit-error rate is less than said quasi-error-free value, selecting said second synchronized wireless transmitter for providing the reception information.

Claim 22 (Currently Amended): The method of claim 21 wherein said step of selecting said second synchronized wireless transmitter for providing ~~reception~~ information is performed after completing receipt of a service signal transmission burst from said first synchronized wireless transmitter and prior to a consecutive service signal transmission burst from said second synchronized wireless transmitter.

Claim 23 (Currently Amended): The method as in claim 21 wherein said second synchronized wireless transmitter is selected from ~~a~~ the plurality of synchronized wireless transmitters as a function of received signal strength indicator value.

Claim 24 (New): A mobile terminal suitable for receiving information from a plurality of synchronized digital video broadcasting (DVB) wireless transmitters, said mobile terminal comprising:

a digital broadcast receiver configured to receive at least a first portion of the information as a first transmission burst, said first transmission burst broadcast by a first DVB wireless transmitter;

a buffer configured to store said first transmission burst;

a processor coupled to the digital broadcast receiver; and

memory storing executable instructions that, when executed by the processor, causes the processor to switch reception by the digital broadcast receiver from the first DVB wireless transmitter to a second DVB wireless transmitter after reception of said first transmission burst

has been completed and before a consecutive transmission burst is sent by the synchronized first and second DVB wireless transmitters.

Claim 25 (New): The mobile terminal of claim 24, wherein the executable instructions are further for deriving a bit error rate for said first transmission burst.

Claim 26 (New): The mobile terminal of claim 24, wherein the executable instructions are further for deriving a received signal strength indicator value for said first transmission burst.

Claim 27 (New): The mobile terminal of claim 24, wherein said switching is operative in response to said second DVB wireless transmitter providing to said mobile terminal a signal meeting a predefined criterion.

Claim 28 (New): The mobile terminal of claim 24, wherein the executable instructions are further for converting said first transmission burst into an information data stream.

Claim 29 (New): The mobile terminal of claim 24, further comprising a stream filter configured to strip transmission encapsulation from said transmission burst stored in said buffer.

Claim 30 (New): The mobile terminal of claim 29, wherein said stream filter comprises an Internet Protocol (IP) filter.

Claim 31 (New): A digital broadcasting system comprising:

a first DVB transmitter configured to broadcast information as a first plurality of consecutive transmission bursts;

a second DVB transmitter configured to broadcast the information as a second plurality of consecutive transmission bursts in synchronization with the first plurality of consecutive transmission bursts; and

a receiver system configured to receive said information, said receiver system including a buffer configured to buffer said transmission bursts, said receiver further including a processor, and executable instructions that, when executed by the processor, cause the processor to perform a hand-over from said first DVB transmitter to said second DVB transmitter upon receipt of a first transmission burst, prior to a consecutive transmission burst, if at least one predefined criterion has been met.

Claim 32 (New): The digital broadcasting system of claim 31, wherein said first DVB transmitter comprises a multi-protocol encapsulator configured to encapsulate each transmission burst.

Claim 33 (New): The digital broadcasting system of claim 31, wherein said at least one predefined criterion is met if a receiver signal strength value for said first transmission burst as measured by said receiver system is less than a predetermined value.

Claim 34 (New): The digital broadcasting system of claim 31, wherein said at least one predefined criterion is met if a bit error rate for said first transmission burst as measured by the receiver system is greater than a predetermined value.

Claim 35 (New): The digital broadcasting system of claim 31, wherein said at least one predefined criterion is met if a bit error rate for a signal received from said second DVB transmitter as measured by the receiver system is smaller than a predetermined value.

Claim 36 (New): A method for receiving a series of service signals provided in synchronization by each of first and second wireless transmitters, said method comprising the steps of:

receiving service signals broadcast synchronously by the first and second wireless transmitters, each of said first and second wireless transmitters broadcasting on a different frequency;

selecting the first wireless transmitter for receiving information broadcast in consecutive transmission bursts;

deriving a first bit error rate for information received from said first wireless transmitter;

if said first bit error rate for said first wireless transmitter is greater than a predefined quasi-error-free value, deriving a second bit-error-rate for the second wireless transmitter; and

if said second bit error rate is less than said quasi-error-free value, selecting said second wireless transmitter for receiving the information.

Claim 37 (New): The method of claim 36, wherein said step of selecting said second wireless transmitter for receiving the information is performed after receipt of a service signal transmission burst from said first wireless transmitter, and prior to receipt of a consecutive service signal transmission burst from said second wireless transmitter.

Claim 38 (New): The method as in claim 36, wherein said second wireless transmitter is selected from a plurality of available transmitters as a function of a received signal strength indicator value.

Claim 39 (New): The digital broadcasting system of claim 16, wherein the receiver system comprises a mobile terminal.

Claim 40 (New): The digital broadcasting system of claim 16, wherein executing a hand-over from said first transmitter to said at least one other transmitter upon receipt of said transmission burst comprises completing the hand-over prior to a consecutive transmission burst transmitted by the synchronized first and other transmitters.